INTERNATIONAL SEARCH REPORT

PCT/GB2004/005267

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01R33/028 G01R33/022

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G01R} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

2	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category °	Caation of document, with indication, where appropriate, of the relevant passages	Helevan to dani inc.
X	US 3 614 490 A (SVEN GUNNAR SOREDAL) 19 October 1971 (1971-10-19) column 2, line 37 - column 3, line 15; figure 2	1,42
A	WO 00/68702 A (GRAVITEC INSTRUMENTS LIMITED; DIXON, PHILIP, MATTHEW; VERYASKIN, ALEXE) 16 November 2000 (2000-11-16) page 9, line 8 - page 10, line 9; figure 1 -/	1,42

<u> </u>	
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed	 'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the International search 6 April 2005	Date of mailing of the International search report 12/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Hāusser, T

Patent family members are listed in annex.

Y Further documents are listed in the continuation of box C.

INTERNATIONAL SEARCH REPORT

PCT/GB2004/005267

0.40- ::	N POSIMENTE CONCIDERENTO RE RELEVANT	1017 4820047 003207		
C.(Continua Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Januagory				
A	EMMERICH H ET AL: "MAGNETIC FIELD MEASUREMENTS WITH A NOVEL SURFACE MICROMACHINED MAGNETIC-FIELD SENSOR" IEEE TRANSACTIONS ON ELECTRON DEVICES, IEEE INC. NEW YORK, US, vol. 47, no. 5, May 2000 (2000-05), pages 972-977, XP000928618 ISSN: 0018-9383 page 972, left-hand column, last paragraph - page 973, right-hand column, paragraph 1; figure 1	1,42		

INTERNATIONAL SEARCH REPORT

PCT/GB2004/005267

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3614490	Α	19-10-1971	SE DE FR GB	335884 B 1964623 A1 2027210 A5 1288946 A	14-06-1971 16-07-1970 25-09-1970 13-09-1972
WO 0068702	A	16-11-2000	AT AU BR CA CN DE DE EA WO EP NZ ZA	237142 T 757857 B2 4756800 A 0010425 A 2373688 A1 1360679 A ,C 60002062 D1 60002062 T2 3855 B1 0068702 A1 1177455 A1 515446 A 200110066 A	15-04-2003 06-03-2003 21-11-2000 13-02-2002 16-11-2000 24-07-2002 15-05-2003 11-03-2004 30-10-2003 16-11-2000 06-02-2002 30-06-2003 06-12-2002